## ADA 953950

100 LARGEST DEFENSE CONTRACTORS
AND THEIR SUBSIDIARY CORPORATIONS

FISCAL YEAR 1973

ISSUED ANNUALLY BY
DEPARTMENT OF DEFENSE
OASD (COMPTROLLER)
DIRECTORATE FOR INFORMATION OPERATIONS
2 November 1973

# Best Available Copy

## 100 COMPANIES AND THEIR SUBSIDIARY CORPORATIONS LISTED ACCORDING TO NET VALUE OF MILITARY PRIME CONTRACT AWARDS FISCAL YEAR 1973

The net value of military prime contracts awarded by the Department of Defense to United States contractors for research and development, services, construction, and supplies and equipment during fiscal year 1973 totaled \$31,627 million, a drop of \$1,735 million from the dollar level of contracts awarded in fiscal year 1972.

The general decline in procurement during fiscal year 1973 was evident in most major programs of the DoD and particularly in hardgoods programs such as, aerospace and ammunition which are dominated by large contractors. However, the continuing high overall level of awards in major hardgoods industries concentrated more than 68.6% of the total prime contracts of \$10,000 or more awarded to U. S. contractors in the top 100 contractors. These 100 contractors, which together with their subsidiaries are predominantly major equipment and weapons system suppliers, received contract awards ranging from \$36 million to more than \$1.7 billion. Of the \$31.6 billion in defense prime contracts awarded to all U.S. contractors in fiscal year 1973, \$21.7 billion or 68.6% was awarded to the top 100 contractors. In fiscal year 1972 the top 100 contractors received \$24.1 billion or 72.1% of the volume of awards placed with all U. S. contractors. The table which follows show that the first five contractors on the top 100 list received 20.1% of all awards given to U. S. contractors in fiscal year 1973.

#### Percent of U. S. Total

Companies	FY 1970	FY 1971	FY 1972	FY 1973
lst	5.9%	5.1%	5.1%	5.3%
2nd	3.8	5.0	5.1	4.5
3rd	3.2	4.0	3.9	3.9
4th	3.0	3.7	3.7	3.6
5th	<u>2.8</u>	3.5	<u>3.5</u>	2.8
1 - 5	18.7%	21.3%	21.3%	20.1%
6 - 10	10.5	13.5	13.9	11.7
11 - 25	16.8	<u>17.3</u>	16.0	17.0
1 - 25	46.0%	52.1%	51.2%	48.8%
26 - 50	13.3	11.0	11.5	10.4
51 - 75	6.6	5.8	6.0	5.9
76 - 100	<u>3.8</u>	3.2	<u>3.4</u>	<u>3.5</u>
1 - 100	69.7%	72.1%	72.1%	68.6%

Lockheed Aircraft Corp., as in the past five years, is in the number one position. This contractor received \$1,659 million in fiscal year 1973 compared with a total of \$1,705 million in fiscal year 1972.

Fourteen contractors not appearing on the list last year are among the top 100 companies this year. Of these, one appears in position 50, one in position 58 and the balance between positions 71 and 100.

## Companies Listed in FY 1973 But Not in FY 1972

Atlantic Richfield Co.
Blair Algernon, Inc.
Blake Const. Co. & U. S. Industries,(JV)
Bulova Watch Co., Inc.
Burroughs Corp.
Centex Corp.
Computer Sciences Corp.
Cutler-Hammer, Inc.
Dynalectron Corp.
Hunt Building Corp.
Kaiser Industries Corp.
Pacific Corp.
United States Steel Corp.

Whittaker Corp.

### Companies Listed in FY 1972 But Not in FY 1973

Colt Industries, Inc.
Diamond Reo Trucks, Inc.
Fairchild Camera & Instrument Corp.
Federal Cartridge Co.
Flying Tiger Corp.
Gulf & Western Industries
Itek Corp.
Kiewit Morrison Fischbach (JV)
Marathon Mfg. Co.
Ogden Corp.
Pacific Architects & Engineers, Inc.
Raymond Morrison Knudsen (JV)
Transamerica Corp.
Xerox Corp.

Of the 86 contractors appearing on the list in both fiscal year 1972 and fiscal year 1973, 42 bettered their position, 40 were in a lower position and 4 showed no change. Companies are considered as appearing on the list in both years despite mergers, acquisitions, divestitures and name changes if a major component of a newly constituted company or the newly constituted company itself made the list as a component of a company in the top 100 in the prior year.

The most significant position change, both in dollar volume and rank, was for Textron, Inc. This company increased its contract volume by more than \$506 million and moved from 24th position in fiscal year 1972 to 7th place in fiscal year 1973. Of major importance to this company in fiscal year 1973 were awards received for work on the UH-1 Iroquois and 214-A commercial helicopters. Other companies with major dollar volume increases were the Raytheon Company and the General Electric Company. Whereas seven companies had received more than \$1 billion each in fiscal year 1972 only four companies reached this level in fiscal year 1973. This was the smallest number of \$1 billion companies since fiscal year 1970.

Contract awards to the Raytheon Company which moved from twelfth place last year to eleventh place this year, increased by \$173 million. In addition to Textron, Inc. and the Raytheon Company, other companies with major position changes were: Asiatic Petroleum Corp. which went from 71st place to 34th place; Chrysler Corp. from 57th to 30th; Eastman Kodak Co. from 62nd to 38th; Goodyear Tire and Rubber Co. from 59th to 39th; Chamberlain Mfg. Corp. from 61st to 94th; Magnavox Co. from 45th to 73rd; Olin Corp. from 58th to 83rd and American Motors from 30th to 51st place.

Other changes concerning companies on this years list were: the changes in name for Standard Oil of New Jersey which is now Exxon Corp. and North American Rockwell Corp. which is now called Rockwell International Corp. Boeing Co. gave company status to its operating organizations (divisions). Some of the newly designated companies are: Boeing Commercial Airplane Co., Boeing Aerospace Co. and Boeing Vertol Co.

Although the work performed by many of the contractors on the list includes more than one procurement category, each contractor has been assigned in the following table to the procurement category that accounts for its major share of defense awards. For example, RCA Corp. is a multi-industry company producing electronic and telecommunication equipment and industrial and consumer products. For this table it is assigned to "Electronics", the procurement category accounting for its largest dollar volume of DoD prime contract awards. On this basis "Electronics" companies increased by 3 from fiscal year 1972 while companies engaged in "Missiles" decreased by 2.

	Nu	Number of Companies		
Procurement Category	FY 1972	FY 1973	Change	
Aircraft	22	21	-1	
Missiles	13	11	<b>-</b> 2	
Ships	3	4	+1	
Tank Automotive	4	4	-	
Weapons	2	0	<b>-</b> 2	
Ammunition	18	17	-1	
Electronics	16	19	+3	
Services	11	10	-1	
Construction	2	4	+2	
Petroleum	9	10	+1	
Subsistence	Ō	0	-	
Construction Equipment	0	0	•	

During fiscal year 1973, four companies received military prime contract awards of \$1 billion or more. These companies also received this dollar volume in fiscal year 1972. Of the companies in this group, General Electric Co. showed the most significant change from last year moving up from fourth to second position. The four companies and a brief description of their work being performed for the DoD are as follows:

Lockheed Aircraft Corp. with a total of \$1,659 million or 5.3% in DoD prime contract awards heads the list of the top 100 for the fifth consecutive year. This was a decrease of \$47 million from fiscal year 1972, however, the company's share of the total DoD contract volume was approximately the same as last year. Whereas the pattern of awards in recent years has shown the aircraft contracts for this company assignable to the C-5 Galaxy Aircraft, in fiscal year 1973 the largest contract volume was for the S-3A Viking Antisubmarine Warfare Aircraft. Other major aircraft awards, in addition to the S-3A, were for the C-5 and the C-130 Hercules Transport. Major missile work included the Poseidon and Trident.

General Electric Company moved up to second place in fiscal year 1973 displacing McDonnell Douglas Corp. which slipped to fourth position. Awards received by the General Electric Company amounted to \$1,416 million for 4.5% of total. In fiscal year 1972, General Electric Company received \$1,259 million for 3.4% of total. Nuclear reactors and turbojet and turbofan aircraft engines were the major work of this company. Other activity included Research and Development for the B-1 and work for the Minuteman missile.

Boeing Company, in fifth place last year, moved up to third place this year. This years contract volume reached \$1,229 million, \$58 million more than last year; however, due to the overall drop in total awards the percent of total applicable to Boeing Company increased from 3.% in fiscal year 1972 to 3.9% of total in fiscal year 1973. Boeing Company's major work for the DoD continues in missiles and aircraft. Missile programs include the Short Range Attack Missile (SRAM) and the Minuteman. Aircraft work included spares production for the B-52 Stratofortress Bomber Aircraft and the B-1.

McDonnell Douglas Corp. in second place last year fell to fourth position this year as the volume of contracts awarded fell by \$557 million. Total awards received by this company during fiscal year 1973 amounted to \$1,143 million or 3.6% of total. In fiscal year 1972 awards totaled \$1,700 million or 5.1% of total. The major aircraft contracts for this company continue to be for the all weather F-4 Phantom and the F-15 fighter aircraft. Other major contracts are for the A-4 attack aircraft and Dragon missiles.

NOTE: Included in the overall U. S. total, for the first time, are DoD contracts for the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS). This program provides an improved and uniform program of medical and dental care for members and certain former members of the uniformed services, and for their dependents. Awards under this program were not included in DoD procurement statistics prior to this year. Although the volume of dollars representing CHAMPUS contracts have been included in the total for all U. S. companies, the Contractors involved in this program, consisting of insurance companies and nonprofit organizations, have not been selected for the top 100 list although at least one (Mutual of Omaha) would qualify on the basis of total dollar volume.

	PARENT COMPANY		PARENT COMPANY
70.	A M F, INC  AEROSPACE CORP (N)  AMERADA HESS CORP  AMERICAN MOTORS CORP  AMERICAN TELEPHONE + TELEGRAPH CO  ASIATIC PETROLEUM CORP  ATLANTIC RICHFIELD CO  AUTOMATION INDUSTRIES, INC  AVCO CORP  BENDIX CORP  BLAIR ALGERNON INC  BLAKE CONST CO + U S INDUSTRIES (JV)  BOEING CO  BULDRA WATCH CO, INC	21	TRICONATIONAL TELEDURES - TEL ON
59.	AFROSPACE CORP (N)	42	THE HUBRIES HEINESSITY IN
89.	AMERADA HESS CORP	58.	KAISER INDUSTRIES CORP
51.	AMERICAN MOTORS CORP	96.	KAMAN LUBB
6.	AMERICAN TELEPHONE + TELEGRAPH CO	63.	KIDDE WALTER . CO INC .
43.	ASIATIC PETROLEUM COOP	17.	i I v cora
90.	ATLANTIC RICHFIELD CO	67.	LEAR STERLER INC
57.	AUTOMATION INDUSTRIES, INC	16.	LITTON INDUSTRIES, INC
36.	AVCO CORP	1.	LOCKHEFD AIRCRAFT CORP
31.	BENDIX CORP	73.	MAGRAVOX CO
93.	BLAIR ALGERNON INC	24.	MARTIN MARIETTA CORP
50.	BLAKE CONST CO + U S INDUSTRIES (UV)	81.	MASON + HANGER SILAS HASON CO
3.	BOEINS CO	35.	MASSACHUSETTS INSTITUTE TECHNOLO
98.	BULOVA WATCH CO, INC	4.	MCDONNELL DOUGLAS CORP
76.	BURROUGHS CORP	4. 88. 54.	MITRE (THE) CORP (N)
97.	CENTEX CORP	54.	MOBIL OIL CORP
94.	CHAMBERLAIN MFG CORP	69, 49, 42,	MOTOROLA INC
30.	CHRYSLER CORP	49.	NATIONAL PRESTO INDUSTRIES INC
77.	CITY INVESTING CO	42.	NORRIS INDUSTRIES
55.	COLLINS RADIO CO	15.	MORTHROP CORP
95.	COMPUTER SCIENCES CORP	€3.	OLIN CORP
66.	CONTROL DATA CORP	91.	PACIFIC CORP
86.	CURTISS MAIGHT CORP	56.	PAN AMERICAN WORLD AIRWAYS INC
80.	CHAPBERLAIN MFE CORP CHAPBERLAIN MFE CORP CHAPSLER CORP CITY INVESTING CO COLLINS RADIO CO COMPUTER SCIENCES CORP CONTROL DATA CORP CURTISS MRIGHT CORP CUTLER-HAMMER, INC DAY + ZIMMERMAN INC DUPONT E I DE NEMOURS + CO DYNALECTRON CORP	29.	R C A CORP
48.	DAY + ZIMMERMAN INC	11.	RAYTHEON CO
60.	DUPONT E I DE MEMOURS + CO	40.	REYNOLDS (RJ) INDUSTRIES, INC
99.	DYNALECTRON CORP	10.	ROCKHELL INTERNATIONAL CORP
72.	E SYSTEMS, INC	44.	SANDERS ASSOCIATES INC
38.	EASTMAN KODAK CO	82.	SEATRAIN LINES INC
23.	EXXCN CORP	100.	SHELL OIL CO
52.	F M C CORP	64.	SIGNAL COMPANIES INC (THE)
75.	FAIRCHILD INDUSTRIES, INC	33.	SINGER CO
?6.	FORD MOTOR CO	14.	SPERRY RAND CORP
9.	GENERAL DYNAMICS CORP	34.	STANDARD DIL CO OF CALIF
2.	GENERAL ELECTRIC CO	68.	STANDARD DIL OF INDIANA
22.	GENERAL MOTORS COMP	74.	SVERDRUP + PARCEL + ASSOCS INC
17.	GENERAL TELEPHONE + FLECTN CORP	84.	SYSTEM DEVELOPMENT CORP
. 8.	SEMENAL 119E + RUBBER CO	29.	TR M INC
59.	GOUDYEAR TIRE + RUBBER CO	27.	TELEDYNE INC
3.	GOULD, INC	25.	TENNECO INC
5.	GRUHHAN CORP	65,	TEXACO INC
55.	GULF DIL CORP	32.	TEXAS INSTRUMENTS INC
16.	DAT * ZIMMERMAN INC DUPONT E I DE NEMOURS * CO DYNALECTRON CORP E SYSTEMS, INC EASTMAN KODAK CO EXXON CORP F M C CORP FAIRCHILD INDUSTRIES, INC FORD MOTOR CO GENERAL DYNAMICS CORP GENERAL ELECTRIC CO GENERAL MOTORS CORP GENERAL TELEPHONE * FLECTN CORP GENERAL TIPE * RUBBER CO GOUDYEAR TIRE * RUBBER CO GOULD, INC GRUMMAN CORP GULF OIL CORP HARRIS-INTERTYPE CORP HERCULES, INC HONEYWELL INC HUGHES AIRCRAFT CO HUNT BUILDING CORP	7,	TEXTRON INC
5.	HENCULES, INC	37.	THIOKOL CHEMICAL CORP
19.	HOWETHELL INC	61.	UNIROYAL INC
12.	HUGHES AIRCRAFT CO	8,	UNITED AIRCRAFT CORP
37.	HOW! ANITOING CORP	71.	UNITED STATES STEEL CORP
11-	HUGHES AIRCRAFT CO HUNT BUILDING CORP I C I AMERICA, INC INTERNATIONAL BUSINESS MACHINES CO INTERNATIONAL HARVESTER CO	7 <b>9</b> ,	MESTERN UNION CORP
18.	INTERNATIONAL BUSINESS MACHINES CO	13.	WESTINGHOUSE ELECTRIC CORP
/2.	IN'ERMATIONAL HARVESTER CO	78.	WHITTAKER CORP

<sup>(</sup>N) Nonprofit (JV) Joint Venture

## 100 COMPANIES AND THEIR SUBSIDIARIES LISTED ACCORDING TO NET VALUE OF MILITARY PRIME CONTRACT AWARDS

#### FISCAL YEAR 1973 (1 JULY 1972 - 30 JUNE 1973)

RANG	COMPANIES	THOUSANDS OF	PERCENT OF U.S.	CUMULATIVE PERCENT OF
	_	DOLLARS	TOTAL	U.S. TOTAL
	U. S. TOTAL <u>2</u> /	\$31,626,933		
	<del></del>	282282222		-
	TOTAL, 100 COMPANIES . THEIR SUBSIDIARIES	b/ 21,710,173	58.54	68.64
1.	LOCKHEED AIRCRAFT CORP	1,645,965		
	LOCKHEED ELECTRONICS CO. INC	8.595		
	LOCKHEED HISSILES + SPACE CO INC	2.046		
	LUCKHEED SHIPBUILDING CONSTRUCTION	2,224		
	MURDOCK MACHINE + ENSR CO OF TEXAS			
	TOTAL	1,658,659	5,25	5.25
2.	GENERAL ELECTRIC CO	1,415,433		
	MANAGEMENT + TECHNICAL SERVICES CD	505 •••••		
	TOTAL	1.416,238	4,48	9.73
3.	BOEING CO	1,228.871		
	BOEING COMPUTER SERVICES INC	252		
	BOEING INTL CORP	_ 70		
	TOTAL	1,229,193	3.89	13.62
				•
4.	MCDONNELL DOUGLAS CORP	1.073.257		
	ACTRON INDUSTRIES, INC	2,098		
	MCDOWNELL AUTOMATION CO	166		
	MCDONNELL BOUGLAS ASTRONAUTICS CO	63,761		
	MCDONNELL DOUGLAS ELECTRONICS CO	4,904		
	TOTAL	1,143,286	3,61	17.23
_	M & 4-8-			
5,	GRUMMAN CORP	21.578		
	GRUMMAN AEROSPACE CORP	885.034		
	GRUMMAN ALLIED INDUSTRIES, INC GRUMMAN DATA SYSTEMS CORP	29 <b>9</b> 2,103		
	Putunas hair 2121502 files	******** 51742		
	TOTAL	909,014	2,87	20.19
6,	AHERICAN TELEPHONE + TELEGRAPH CO	187,037		
	CHESAPEAKE + POTONAC TELEPHONE 30	3,055		
	ILLINDIS BELL TEL CO	90		
	HICHIGAN BELL TEL CO	128		
	HOUNTAIN STATES TEL + TEL CO	3,273		
	NEW ENGLAND TEL + TEL CO	1.223		
	NEW JERSEY BELL TELEPHONE CO	730		
	NEW YORK TELEPHONE CO	217 899		
	OMIO BELL TELEPHONE CO	809 443		
	PACIFIC NORTHWEST BELL TELEPHONE PACIFIC TELEPHONE + TELEGRAPH CO	788		
	SOUTH CENTRAL BELL TEL CO	456		
	SOUTHERN BELL TELEPHONE + TELEGRAPH	3,528		
	SOUTHWESTERN BELL TELEPHONE	2,860		
	TELETYPE CORP	6,428		
	WESTERN ELECTRIC CO INC	563,541		
		*****		
	TOTAL	774,696	2,45	22.55

RAN	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF U.S.	CUP"LATIVE
		DOLLARS	TOTAL	U.S. TOTAL
7.	TEXTRON INC	744,896		
•	CLEVELAND METAL ABRASIVE CO	20		
	OREGON TECHNICAL PRODUCTS	93		
	TEXTRON ELECTRONICS INC	13		
	TOWNSEND CO Waterbury Farrel Foundry + Mach Co	413		
	MATERIOR PARKET PORRIES A MATER CO.	1,166		
	TOTAL	746.601	2,36	24.91
8.	UNITED AIRCRAFT CORP	741,290	2,34	27.25
9.	GENERAL DYNAMICS CORP	702,176		
	FREEMAN COAL MINING CORP	16		
	STROMBERG CARLSON CORP STROMBERG DATAGRAPHIX, INC	1,921		
	STHUMBERG DATAGRAPHIA, 140	3.039		
	TOTAL	707.152	2.24	29.49
10.	ROCKHELL INTERNATIONAL CORP	703.923		
	MIEHLE-GOSS-DEXTER, INC	15		
	UNICOM SYSTEMS INC	_ 29		
	TOTAL	703,967	2,23	31.72
11.	RAYTHEON CO	656,340		
	COSSOR ELECTRONICS LTD	16		
	HEATH D C + CO	13,795		
	IDMA NEG CO	38		
	JAPANESE OVERSEAS SERVICE, INC HACHLETT LABORATORIES INC	430		
	PAYTHEON SERVICE CO	1,070 7,921		
	UNITED ENGINEERS + CONSTRUCTORS	74		
	TOTAL	**************************************		
	TUTAL	679,684	2.19	33.87
12.	HUGHES AIRCRAFT CO	543,921		
	HUGHES RESEARCH LABS	942		
	SANTA BARBARA RESEARCH CENTER	1,796		
	TOTAL	546.659	1,73 .	35.60
13.	MESTINGHOUSE ELECTRIC CORP	500,307		
	K-W BATTERY CO	24		
	THERMO KING CORP	12		
	URBAN SYSTEMS DEV CORP	3,995		
	WESTINGHOUSE ELECTRIC SUPPLY CO WESTINGHOUSE LEARNING CORP	238 234		
	men: 148,000E FEARMING COM.	. 574		
	TOTAL	504,720	1.60	37.20
14.	SPERRY RAND CORP	447,023	1,41	38,61
15.	NORTHROP CORP	390.649		
	HALLICRAFTERS CG	20.994		
	NORTHROP WORLDWIDE ACFT SVCS INC PAGE COMMUNICATIONS ENGINEERS INC	31,707		
	WARNECKE ELECTRON TUBES, INC	2.645 429		
		******		
	TOTAL	446,424	1,41	40,02

			_	
		Tublic Auto	050057	
	#Bubautr-	HUUSANDS	PERCENT	COMPLAILAE
MANS	COMPANIES	OF	OF U.S.	PERCENT OF
		THOUSANDS OF DOLLARS	TCTAL	U.S. TOTAL
16.	LITTON INDUSTRIES, INC	10,497		
	AERO SERVICE CORP	143		
	ALLIS (LDUIS) CO	1,458		
	BIONETICS RESEARCH LABORATORIES	54		
	CLIFTON PRECISION PRODUCTS CO	11 105 291		
	DUMONT AVIATION ASSOCIATES	105		
	LITTON BUSINESS SYSTEMS, INC	291		
	LITTON INTL PUBLISHING CO	12		
		_		
	LITTON MEDICAL PRODUCTS, INC	205		•
	LITTON PRECISION PRODS INC	545		
	LITTON SYSTEMS INC	410.291		
	HOURGE BUSINESS EQUIPMENT CO INC	49		
	HONROE CALCULATING CO	64		
	MONROE INTERNATIONAL INC			
	MONING IN THANK INC	192		
	PROFEXRAY INC	_ 10		
	TOTAL	423,947	1.34	41.36
			•	
17.	L T V CORP	6,745		
	JONES . LAUGHLIN STEEL CORP			
		316		
	KENTRON HAHAII LID	23.096		
	L T V AEROSPACE CORP	309,586		
	SERVICE TECHNOLOGY CORP	156		
	WILSON CERTIFIED FOODS, INC	2,280		
	WILSON + CO INC			
		2.758		
	WILSON SINCLAIR CO	2,141		
	TOTAL	347,078	1.10	42.46
			_,_,	
18.	INTERNATIONAL BUSINESS MACHINES CO	301.650		
10.				
	I B M DEUTSCHLAND GHBH	12		
	SCIENCE RESEARCH ASSOCIATES INC	16		
	SERVICE BUREAU CORP	101		
		******		
	TOTAL	301,779	Ā 05	43,41
		001	0,72	43.47
	MANEROEL: THE	a) - 0a)		
19.	HONEYWELL INC	212,831		
	HONEYWELL INFORMATION SYSTEMS, INC	29.591		
		******		
	TOTAL	272,425	0.85	44,27
		5.20.05	0,00	4446
20.	R C A CORP	222 544		
ZU,		227,516		
	HERTZ AUTOVERHIETUNG	11		
	NATIONAL BROADCASTING CO. INC	13		
	R C A ALASKA COMMUNICATIONS INC	4,019		
	R C A GLOBAL CONMUNICATIONS, INC	22.122		
	SHELBY WILLIAMS INDUSTRIES, INC	148		
	a trans attribute tweffaretter	-		
	-a	******		
	TOTAL	253,829	0,80	45.07
21,	INTERNATIONAL TELEPHONE + TEL CORP	117.520		
	E T C, INC	129		
	FEDERAL ELECTRIC CORP	59.867		
	reserved description and	- <del>-</del>		
	I T T ARTIC SERVICES, INC	28.525		
	I T T AVIS. INC	11		
	I T T BARTON	273		
	I T T CONTINENTAL BAKING CO	2,805		
	I T T ELECTRO PHYSICS LABORATORIES			
		4,315		
	I T T GENERAL CONTROLS, INC	413		
	I T T GILFILLAN INC	18,992		
	I T T GRINKELL CORP	64		
	I T T GWALTNEY INC	1,962		
	I T T HARPER. INC	365		
	I T T JENNINGS	_		
	: : : U-44:443 : * * CUCD.**Au manh an	75		
	I T T SHERATON CORP OF AMERICA	15		

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	• • • • • • • • • • • • • • • • • • • •	THOUSANDS	PERCENT	CUNUI AT IVE
RANC	COMPANIES	OF	OF U.S.	PERCENT OF
		DOLLARS	TOTAL	U.S. TOTAL
	<del></del>			
24	INTERNATIONAL TELEPHONE + TEL CORP			
21.	1 T T TERMITAL CONTECT THE	474		
	I T T TECHNICAL SERVICES INC I T T WORLD COMMUNICATIONS, INC	138		
	I . I MONED COMMONICATIONS' INC			
	J C C PUMP CO INC PUERTO RICO TELEPHONE CO	728		
	LACKIN WICH IFFERNINF CO	190		
	STANDARD ELEKTRIK LORENZ AG	47		
	TOTAL	0.0	7 -0	
	IUIAL	249.1/1	5.79	45,65
22.	GENERAL MOTORS CORP	246.115	0.70	46.65
20,	SCHE-ARE HO-OHO GOAF	5441773	0,77	40,02
23.	EXXON CORP	85.358		
	ESSO A G .	7,409		
	ESSO EASTERN PRODUCTS + TRADING CO			
	ESSO INTERNATIONAL CORP	11 141 · 263		
	ESSO RESEARCH + ENGINEERING CO	1,344		
	ESSO ROTH	1,177		
	ESSO STANDARD EASTERN INC	24		
	FSSO STANDARD ITALIANA	958		
	ESSO STANDARD OIL CO S A	212		
	ESSO STANDARD SAF	115		
	ESSO STANDARD THAILAND LTD	39		
		•••		
	TOTAL	237,610	0,75	47.40
24.	MARTIN MARIETTA CORP	164,470		
	HARTIN MARIETTA ALUMINUM INC	1,923		
	MARTIN MARIETTA ALUMINUM SALES INC	58,477		
	TOTAL	**************		
	IUIAL	224,870	8,71	48,11
25.	TENNECO INC	120		
,	CASE (JI) CO	8,019		
	CASE POWER + EQUIPMENT LTD	11		
	DROTT MEG CORP	316		
	GAS EQUIPMENT ENGRS, INC	69		
	NEWPORT NEBS SHIPBLD . DRY DOC. CO	200.612		
	QUALITRON AERO INC	4,753		
	TENNECO CHENICALS, INC	143		
	, , , , , , , , , , , , , , , , , , , ,	******		
	TOTAL	214,043	6.58	48,79
			••••	
26.	FORD MCTOR_CO	5,171		
	PHILCO FORD CORP	208.717		
	***	*8		
	TGTAL	213.888	0,68	49,47
27.	trichett eke	AT 135		
21.	TELEDYNE INC	25,375		
	ELECTRO DEVELOPHENT CO	167		
	TELEDYNE ADCOM	487		
	TELEDYNE BROWN ENGINEERING	\$:918		
	TELEDYNE C A E	19,801		
	TELEDYNE CAMERA SYSTEMS	-177		
	TELEDYNE CRITTENDEN TRANSFORMERS	.11		
	TELEDYNE ELECTRONICS	236		
	TELECTRE ENESCO DENTAL	56		
	TELEDYNE FIRTH STEPLING INC	284		
	TELEDYNE GEOTECH	42		
	TELEDYNE HANAU ENGINEERING	63		
	TELEDYNE HYDRA POWER	190		
	TELEDYNE INDUSTRIES, INC	125,612		
	TELESTRE ISOTOPES	1.915		
	TELEDYNE K E C	1,145		

27.   TELEDAME 1NC	RANC	COMPANIES	THOUSANDS OF	PERCENT OF U.S.	COMMATIVE PERCENT OF
27. TELEDYNE INC     TELEDYNE REPUBLIC MEG			DOLLAS	TATCT	U.S. TOTAL
TELEDYNE WID ARRICA CORP  TELEDYNE REPUBLIC MFG  TELEDYNE SPRAGUE ENGINEERING  TELEDYNE TABER  TELEDYNE TABER  TELEDYNE TELERATICS  TELEDYNE TELERATICS  TELEDYNE TELERATICS  TELEDYNE HARRANG  TELEDYNE HISCONSIN HOTOR  TELEDYNE HISCONSIN HOTOR  22.  TOTAL  28. GENERAL TIRE * RUSSER CC  AEROLET ELECTROSYSTENS CO  TOTAL  29. TR N INC  CHESCENT INSUL MIRE * CABLE CO, INC  GESCENT INSUL MIRE * CABLE CO, INC  TO N INC  AMMEDICATION CORP  TOTAL  30. CHRYSLER CORP  CHRYSLER OUTBOARD CORP  TOTAL  31. BENDIX CORP  ARRICAN FOREST PRODUCTS CORP  ENDIX HERSTROMENTS INC  TOTAL  32. TEXAS INSTRUMENTS INC  TOTAL  33. SINCER CO  CONTROLS CO OF AMERICA  FRANCOS SALET PRODUCT  TOTAL  34. TEXAS INSTRUMENTS INC  142.801  35. CIEXAS INSTRUMENTS INC  142.801  36. CARTICAN INC  LAYE * SOURCE FUND CO  SINCER OLICETROS CO  TOTAL  36. SINCER COLOR AMERICA  FRANCOS COLOR  ARROLET FUND CO  SINCER OLICETROS CO  SINCER OLICETR	27.	TELEBANE INC			
TÉLÉDYMÉ RÉPUBLIC MYS  TÉLÉDYMÉ TABÉR  TÉLÉDYMÉ THÉRMATICS  48  TÉLÉDYMÉ THÉRMATICS  422  TOTAL  1053  TÉLÉDYMÉ MISCOUSIN HOTOR  242  TOTAL  28. GÉMERAL TIRE + RUSSER CO  AÉBOLFT ÉLÉCTADSYSTENS CO  TOTAL  125-519  TOTAL  126-519  TOTAL  127-257  A.55  51-71  36. CHRYSLER COSP  CHRYSLER COSP  AMERICAN FOREST PRODUCTS CORP  ENDIX COSP  CHRYSLER OUTBOARD CORP  TOTAL  127-257  AMERICAN FOREST PRODUCTS CORP  ENDIX CORP  AMERICAN FOREST PRODUCTS CORP  ENDIX FILED ENGINÉERINS CORP  ENDIX MESTINGMOUSF AUTOMOTIVE  ATAM CORP  SALEIT FOREST PRODUCTS CORP  ENDIX MESTINGMOUSF AUTOMOTIVE  ATAM CORP  TOTAL  124-80  TOTAL  124-80  TOTAL  125-2275  A.45  S1-71  32. TEXAS INSTRUMENTS INC  124-80  127-84  LAYKÉ * SOULER FUNP CO  SINCER ÉLECTADISCN INC  127-84  LAYKÉ * SOULER FUNP CO  SINCER ÉLECTADISCN INC  145-517  SINCER ÉLECTAL PRECISION INC  145-517  SINCER ÉLECTAL PRECISION INC  AL57-1  AL57	£		123		
TELEDVE SPRAGUE ENGINEERING 255  TELEDVE TABER 35  TELEDVE TELEPHATICS 48  TELEDVE HERPHATICS 48  TELEDVE WAR CHANG 1.653  TOTAL 1.653  28. GENERAL TIRE * RUBBER CO 5.293  AFROLET ELECTRONYSTENS CO 726  AFROLET ELECTRONYSTENS CO 162.239  AREOLET ELECTRONYSTENS CO 6.740  CHEMICAL CONSTRUCTION COMP 1.674  TOTAL 1.653.519 6.59 52.42  29. T R W INC 1.663.6147  CHESCENT INSUL WIRE * CASE CO.INC 28  GLOSE INDUSTRIES INC 1.75  TOTAL 1.77.267 5.56 51.27  TOTAL 1.77.267 5.56 51.27  TOTAL 1.77.267 5.56 51.27  30. CHRYSLER COMP  CHMYSLER COMP CHMYSLER COMP CHMYSLER DUTSDARD COMP 1.48.362  GENERAL TOTAL 1.77.267 5.56 51.27  TOTAL 1.77.267 5.56 51.27  31. BENDIX COMP AMERICAN FOREST PRODUCTS COMP ENGLY AFROSPACE ELECTRONICS CO 72  SENDIX FIELD ENGINEERING COMP SENDIX FEDEL ENGINEERING COMP SENDIX FEDEL ELECTRONICS CO 72  SENDIX FIELD ENGINEERING COMP SAGGIT COMP SAGGIT COMP SAGGIT COMP SAGGIT COMP SAGGIT COMP TOTAL 1.49.784 5.47 52.13  32. TEXAS INSTRUMENTS INT 1.42.801 0.45 52.25  33. SINCER CO CONTROLS CO OF AMERICA 20  FRIEDX, INC 34  FRIEDX, INC 34  FRIEDX INC 1.225  H R S SINCER FORP CO 1.764  LAYER S SINCER FORP CO 1.77  SINCER CERCAL PROTISION INC 4.1791  SINCER GERERAL PROTISION INC 4.1791  SINCER GERERAL PROTISION INC 4.1791		TELEDYNE REPUBLIC MES			
TELEDVE TABER TELEDVE THERETRY CO TELEDVE THERETRY CO TELEDVE THERETRY CO TELEDVE HERETRY CO TELEDVE HERETRY CO TELEDVE WAS CONSIN HOTER  TOTAL  22.  TOTAL  28. GENERAL TIRE * RUSSER CO AFROLET ELECTROSYSTEMS CO AFROLET ELECTROSYSTEMS CO AFROLET EMERAL CORP GATESVILLE R'S CO CMEMICAL CONSTRUCTION CORP TOTAL  29. TR W INC CRESCEWI INSUL WIRE * CABLE CO, INC GRISCEWI INSULTATES INC TOTAL  29. TR W SEMICONDUCTORS; INC TR W SEMICONDUCTORS; INC TOTAL  30. CHRYSLER CORP CHRYSLER OUTBOARD CORP TOTAL  31. BENDIX CORP AMERICAN FOREST PRODUCTS CORP ENDIX AFROSPACE ELECTROMICS CO BENDIX FIRST PRODUCTS CORP ENDIX FIRST PRODUCTS CORP TOTAL  31. BENDIX CORP AMERICAN FOREST PRODUCTS CORP ENDIX FIRST PRODUCTS CORP ENDIX FIRST PRODUCTS CORP ENDIX FIRST PRODUCTS CORP ENDIX FIRST PRODUCTS CORP TOTAL  32. TEXAS INSTRUMENTS INC  33. SINCER CONTROLS CO OF AMERICA PRIDEN, INC SALER PROP CO SINCER GENERAL PRECISION INC SINCER SERIES SINCER GENERAL PRECISION INC SINCER SERIES SINCE					
TELEDYNE THERHATICS  TELEDYNE WAS CONSIN WOTCR  TELEDYNE WISCONSIN WOTCR  1653  TELEDYNE WISCONSIN WOTCR  222  TOTAL  28. GENERAL TIRE * RUBBER CO		TELEDYNE TABER			
TELEDYNE NAM CHARG TELEDYNE NATIONAL A22  TOTAL 188.174 0.40 50.00  28. GENERAL TIRE + RUSSER CO 5.293 AEROLET ELECTROSYSTEMS CO 76 AEROLET GENERAL CORP 162.039 SOMESVELLE RES CO 674 CHEMICAL CONSTRUCTION CORP 18.437  TOTAL 186.519 0.59 50.40  29. TR N INC 186.519 0.59 50.40  CRESCENT INSUL NIRE + CABLE CO.1NC 89 CLOSE IMPUSTRES INC 175 RAYSEY CORP 18 N COLORADO ELECTRONICS. INC 19.734 TR N SEMICONDUCTORS; INC 775 TOTAL 177.227 8.58 51.20  30. CHRYSLER CORP 148.352 CHRYSLER OUTSOARD CORP 149.352 TOTAL 152.275 0.48 51.70  31. BENDIX CORP 144.072 AMERICAN FOREST PRODUCTS CORP 144.072 AMERICAN FOREST PRODUCTS CORP 123 BENDIX FIELD ENGINEERING CORP 3.70 SENDIX FIELD ENGINEERING CORP 3.70 SENDIX FIELD ENGINEERING CORP 3.70 SMAGIT CO		TELEDYNE TELEHETRY CO	58		
TELEDYME MISCONSIN MOTER  TOTAL  TOTAL  188,194  30,69  \$50.00  TOTAL  28. GENERAL TIRE + RUSSER CO  AEROLET ELECTROSYSTERS CO AEROLET ELECTROSYSTERS CO AEROLET ELECTROSYSTERS CO AEROLET ELECTROSYSTERS CO AEROLET ELECTROSYSTERS CO AEROLET ELECTROSYSTERS CO AEROLET ELECTROSYSTERS CO CMENICAL CORPS 184,437  TOTAL  29. TR N INC CRESCENT INSUL MIRE + CABLE CO,INC GROSE INDUSTRIES INC TR M SERICONDUCTORS; INC TR M SERICONDUCTORS; INC TR M SERICONDUCTORS; INC TOTAL  30. CHRYSLER CORP CHRYSLER CORP CHRYSLER OUTBOARD CORP AMERICAN FOREST PRODUCTS CORP AMERICAN FOREST PRODUCTS CORP AMERICAN FOREST PRODUCTS CORP SENDIX AEROSPACE ELECTROMICS CO BENDIX FIELD ENGINEERING CORP SENDIX FIELD ENGINEERING CORP SENDIX FIELD ENGINEERING CORP SAGIT CORP TOTAL  31. SENDIX CORP TOTAL  32. TEXAS INSTRUMENTS INC  33. SINCER CO COURTOLS CO OF AMERICA FRIENCY, INC COURTOLS CO OF AMERICA FRIENCY, INC HR S SINCER, INC LAYNE - SOULES RUSP CO SINCER GENERAL PRECISION INC SINCER GENERAL PRE			45		
TOTAL  188,194  28. GENERAL TIRE + RUSSER CO		TELEDANE MAH CHANG			
TOTAL  28. GENERAL TIRE + RUBBER CO		TELEDAME MISCONZIN MOTOR			
ARROUST ELECTROSYSTEMS CO ARROUST ELECTROSYSTEMS CO ARROUST ESSENTIAL CORP  9 ATESVILLE MFS CO CMEMICAL CONSTRUCTION CORP  TOTAL  29. I R W INC  CRESCENT INSUL WIRE * CABLE CO. INC GLOSE INDUSTRIES INC CRESCENT INSUL WIRE * CABLE CO. INC GLOSE INDUSTRIES INC TO W SCHICONDUCTORS. INC TOTAL  30. CHRYSLER CORP CHRYSLER CORP CHRYSLER OUTBOARD CORP AMERICAN FOREST PRODUCTS CORP SENDIX ARROSPACE ELECTRONICS CO PENDIX HESTINGHOUST AUTOMOTIVE FRAM CORP SKAGIT CORP SKAGIT CORP SKAGIT CORP TOTAL  31. SENDIX CORP AMERICAN FOREST PRODUCTS CORP BENDIX HESTINGHOUST AUTOMOTIVE FRAM CORP SKAGIT CORP SKAGIT CORP 372 384  TOTAL  142.801  39. SINCER CO CONTROLS CO OF AMERICA FRIDEN, INC STAGLES INC H R S SINCER, INC H R S SINCER, INC LAYSE FEMP CO SINCER SENERAL POPCISION INC SENERAL POPCISION INC SENERAL SENERAL POPCISION INC SENERAL POP		TOTAL		9.69	59.97
AEROLET ELECTROSYSTEMS CO AEROLET ELECTROSYSTEMS CO AEROLET ELECTROSYSTEMS CO AEROLET ELECTROSYSTEMS CO 9 ATESYSTLE #FG CO CMEMICAL CONSTRUCTION CORP TOTAL 1845.519 8.59 50.40  29. I R W INC CMESCREWI INSUL WIRE * CABLE CO., INC GMESCREWI INSUL WIRE * CABLE CO., INC TO A WAS SELECTRONICS, INC TOTAL TO	20	CENTRAL TIRE A RUMBED AN	2 202		
ASPOJET GENERAL DORD  ASTORYLLE MES CD  CHEMICAL CONSTRUCTION CORP  TOTAL  29. I R W INC  CRESCENT INSUL WIRE - CABLE CO, INC  SE CLOSE IMPUSTRIES INC  TOTAL  10. 10. 10. 10. 10. 10. 10. 10. 10. 10.	20.				
### STATES OF THE PROPERTY OF A PROPERTY OF					
TOTAL 188-519 6.59 50-44  29. I R W INC CRESCENT INSUL WIRE * CABLE CO., INC GLOBE INDUSTRIES INC 175 GLOBE INDUSTRIES INC 175 F. S.					
TOTAL 186,519 8,59 50.40  29. TR W INC  CRESCRIT INSUL WIRE + CABLE CO, INC  GLOBE INDUSTRIES INC  TR W COLORADO ELECTRONICS, INC  TOTAL 177,287 8,56 51.22  36. CHRYSLER CGRP CHRYSLER CGRP CHRYSLER DUTBOARD CDRP 3.915  TOTAL 152,275 8,48 51.71  31. BENDIX CORP AMERICAN FOREST PRODUCTS CORP BENDIX AEROSPACE ELECTRONICS CO SENDIX FIELD ENSINEERING CORP SENDIX MESTINGHOUSE AUTOMOTIVE 31 FRAN CORP SYAGIT CORP TOTAL 149,784 8,47 52.13  37. TEXAS INSTRUMENTS INC 142,851 9,45 52.43  38. SINCER CO COLIROLS CO OF AMERICA 20 FRIDEN, INC LAYNE - SOMER PURP CO SINGER SCHEALL PRECISION INC LAYNE - SOMER PURP CO SINGER SCHEA					
29. TR W INC  CRESCENT INSUL WIRE * CABLE CO, INC  GROSE INDUSTRIES INC  TR W COLORADO ELECTRONICS, INC  TOTAL  TOTAL  177,287  TOTAL  177,287  188,360  CHRYSLER CORP  CHRYSLER OUTBOARD CORP  TOTAL  152,275  \$4.48  51.77  31. BENDIX CORP  AMERICAN FOREST PRODUCTS CORP  ENDIX FIELD ENGINEERING CORP  SENDIX MERSPACE ELECTRONICS D  SENDIX WESTINGHOUSF AUTOMOTIVE  FRAN CORP  SAGIT CORP  TOTAL  169,784  \$5.21  32. TEXAS INSTRUMENTS INC  CONTROLS CO OF AMERICA  FRIEDER, INC  SRAFLEX INC  LAYKE * SOULER PURP CO  SINCER GENERAL PRECISION INC  SINCER GENERAL PRECISION INC  SINCER GENERAL PRECISION INC  SINCER GENERAL PRECISION INC  SINCER SENERAL PRECISION INC  4,571  4,572  4,574  4,575  5185ER CO  SINCER GENERAL PRECISION INC  4,575  SINCER GENERAL PRECISION INC  4,571  4,572  4,574  4,575  5185ER CO  SINCER SENERAL PRECISION INC  4,575  SINCER COLORADO  SINCER SENERAL PRECISION INC  4,577  4			₹ -		
CRESCRY INSUL WIRE - CABLE CO, INC GLOBE INDUSTRIES INC GLOBE INDUSTRIES INC TRANSEY CORP I R W COLCRADD ELECTRONICS, INC TOTAL TOTA		TOTAL	186.519	₫.59	50.44
CRESCENT INSUL WIRE + CABLE CO, INC GLOBE INDUSTRIES INC GLOBE INDUSTRIES INC TO THE WOLLGRADD ELECTRONICS, INC TOTAL TO	20	T D W THE	444 443		
GLOSE INDUSTRIES INC RAMSEY CORP TR W COLGRADD ELECTRONICS, INC TOTAL  SENDIX CORP AMERICAN FOREST PRODUCTS CORP SENDIX FIELD ENGINEERING CORP SENDIX FIELD ENGINEERING CORP SENDIX FIELD ENGINEERING CORP START CORP  TOTAL  TOTA	27.	CRESCENT TESTS WIRE + CARLE ON THE			
RANSEY CORP T R W COLGRADO ELECTRONICS, INC T R W SEMICONDUCTORS; INC TOTAL  36. CHRYSLER CORP CHRYSLER OUTBOARD CORP TOTAL  37. TOTAL  38. SENDIX CORP AMERICAN FOREST PRODUCTS CORP SENDIX AEROSPACE ELECTRONICS CO BENDIX FIELD ENGINEERING CORP SKAGIT CORP TOTAL  37. SENDIX CORP SKAGIT CORP TOTAL  38. TEXAS INSTRUMENTS INC TOTAL  39. TEXAS INSTRUMENTS INC TOTAL  30. SINCER CO CONTROLS CO OF AMERICA FRIDEN, INC CRAFFLEX INC H R S SINCER, INC LAYNE SOULER PURP CO SINGER GENERAL PRECISION INC SINGER TELE-SISNAL  39. TEXAS TELES INC LAYNE SOULER PURP CO SINGER FELE-SISNAL  39. TOTAL  40.001  40.001  40.001  40.001  40.001  40.001  40.001  40.001  40.001  40.001  40.001  40.001  40.001  40.001		SLOBE INNISTRIES IN-			
TR W COLGRADO ELECTRONICS, INC TR W SEMICONDUCTORS; INC TOTAL TOTA					
TR W SEMICONDUCTORS; INC  TOTAL  177,227		T A W COLGRADO ELECTRONICS. INC			
TOTAL 177,227 \$,56 \$1.22  36. CHRYSLER CGRP CMBYSLER DUTBOARD CORP 3.915  TOTAL 152,275 \$,48 \$1.70  31. BENDIX CORP AMERICAN FOREST PRODUCTS CORP 123 BENDIX FIELD ENGINEERING CORP 5.624 BENDIX FIELD ENGINEERING CORP 3.70 SENDIX FIELD ENGINEERING CORP 3.70 START CORP 3.70 START CORP 3.70  TOTAL 149,724 \$,47 \$2.12  32. TEXAS INSTRUMENTS INT 142,891 0,45 \$2.42  33. SINGER CO 5.624 FRIDEN, INC 3.625 FRIDEN, INC 3.625 FRIDEN, INC 3.625 FRIDEN, INC 1.225 H R 8 SINGER, INC 1.225 LAYNE * BOWLER PURP CO 1.7 SINGER GENERAL PRECISION INC 4.591 SINGER FELENSISMIL 4.591		T R W SEMICONDUCTORS; INC			
36. CHRYSLER CGRP CHRYSLER DUTSDARS CORP TOTAL  TOTAL  152.275			_		
TOTAL 152.275 6.45 51.77  31. SENDIX CORP  AMERICAN FOREST PRODUCTS CORP  AMERICAN FOREST PRODUCTS CORP  SENDIX AEROSPACE ELECTRONICS CO  SENDIX FIELD ENGINEERING CORP  BEXDIX HESTINGHOUSF AUTOMOTIVE  FRAM CORP  TOTAL 149.784 6.47 52.27  32. TEXAS INSTRUMENTS INT 142.801 0.45 52.47  33. SINCER CO  CONTROLS CO OF AMERICA 20  FRIEDRA, INC  SRAFILEX INC  H R S SINCER, INC  LAYNE - SONLER PUMP CO  SINCER SENERAL PRECISION INC  SINCER TELE-SISNAL  ASSOCIATION  4.571		TOTAL	177.257	£,54	51.22
TOTAL 152.275 6.48 51.77  31. SENDIX CORP  AMERICAN FOREST PRODUCTS CORP  SENDIX FOREST PRODUCTS CORP  SENDIX FIELD ENGINEERING CORP  SENDIX FIELD ENGINEERING CORP  SENDIX FIELD ENGINEERING CORP  STAGET CORP  TOTAL 149.784 6.47 52.17  32. TEXAS INSTRUMENTS INT 142.801 0.45 52.43  33. SINGER CO  CONTROLS CO OF AMERICA 2D  FRICEN, INC  SRAFLEX INC  H R S SINGER, INC  LAYE - BUNGER PURP CO  SINGER SENERAL PRECISION INC  SINGER TELE-SISNAL 4.591	36.				
TOTAL 152.275		CHRYSLER DUTBOARD CORP	3.915		
31. BENDIX CORP  AMERICAN FOREST PRODUCTS CORP  SENDIX AEROSPACE ELECTRONICS CO  SENDIX FIELD ENGINEERING CORP  BENDIX WESTINGHOUSE AUTOMOTIVE  START CORP  TOTAL		TOTAL		A	e. 31
AMERICAN FOREST PRODUCTS CORP  9ENDIX AEROSPACE ELECTRONICS CO 9ENDIX FIELD ENGINEERING CORP 9ENDIX HESTINGHOUSF AUTOMOTIVE 131 FRAM CORP SNAGIT CORP 370 SNAGIT CORP 371 372 TOTAL 149,784 6,47 52.17 32. TEXAS INSTRUMENTS INC 142.801 0,45 92.63 33. SINGER CO 95.013 CONTROLS CO OF AMERICA 27 FRIDEN, INC 34 GRAFLEX INC 1,265 H R B SINGER, INC 1,265 T,849 LAYNE - BONLER PUMP CO 17 SINGER GENERAL PRECISION INC 43,517 SINGER TELE-SIGNAL				w. 43	72-45
SENDIX AEROSPACE ELECTRONICS CO SENDIX FIELD ENGINEERING CORP SENDIX FIELD ENGINEERING CORP SENDIX MESTINGHOUSE AUTOMOTIVE STAR CORP SKAGIT CORP TOTAL  TOTAL  TOTAL  TOTAL  149,784 5.47 52.17  32. TEXAS INSTRUMENTS INC 142.801 0.45 52.63  SINCER CO SOLUTIOLS CO OF AMERICA FRIDEX, INC SRAFLEX INC H R S SINGER, INC LAYNE - SUMLER PUMP CO SINGER GENERAL PRECISION INC SINGER TELE-SIGNAL  4.691	31.	~ <del>~ ~ </del>			
### SENDIX FIELD ENGINEERING CORP   \$,084   ####################################					
### 1 #### 1 #### 1 ###		SERVIT VENDALVEE EPÉCINORIES CO			
FRAM CORP SMAGIT CORP  TOTAL  TOTAL  147,784  147,784  147,784  147,784  147,784  147,784  147,891  0,45  92,49  33. SINGER CO  COUTROLS CO OF AMERICA  COUTROLS CO OF AMERICA  FRICEN, INC  GRAFLEX INC  H R S SINGER, INC  LAYNE - SOMER PUMP CO  SINGER GENERAL PRECISION INC  43,517  SINGER TELE-SISNAL		SEASIA LICED EMPIREE LINE COMP			
SKAGIT CORP  TOTAL  149,784  8,47  52.17  32. TEXAS INSTRUMENTS INC  142,801  0,45  52.63  33. SINGER CO  COUTROLS CO OF AMERICA  FRICEN, INC  FRICEN, INC  GRAFLEX INC  H R S SINGER, INC  LAYNE + SOMLER PURP CO  SINGER GENERAL PRECISION INC  43,517  SINGER TELE-SIENAL					
TOTAL 149,784 8,47 52.13  32. TEXAS INSTRUMENTS INT 142.851 0,45 52.63  33. SINCER CO 55 AMERICA 25 FRICEN, INT 34 34 58.615 1.265 7.847 1.265 7.847 1.267 1					
32. TEXAS INSTRUMENTS INT 142.801 0.45 52.63  33. SINGER CO 85.013     CONTROLS CO OF AMERICA 25     FRICEN, INC 34     SRAFLEX INC 1.265     H R S SINGER, INC 7.847     LAYNE - SUMLER PUMP CO 17     SINGER SEMERAL PRECISION INC 43.517     SINGER TELE-SISNAL 4.671			******		
33. SINGER CO  COUTROLS CO OF AMERICA  FRICEN, INC  GRAFLEX INC  H R S SINGER, INC  LAYNE - SOMER PUMP CO  SINGER GENERAL PRECISION INC  43.517  SINGER TELE-SISNAL		ICIAL	149,784	\$,47	52.17
COUTROLS CO OF AMERICA 21 FRIDEN, INC 34 GRAFLEX INC 1.245 H R 8 SINGER, INC 7,849 LAYNE - BONLER PUMP CO 17 SINGER GENERAL PRECISION INC 43,517 SINGER TELE-SIGNAL 4,691	32.	TEXAS INSTRUMENTS INC	142.851	0,45	52.42
FRICEN, INC SRAFLEX INC SRAFLEX INC H R S SINGER, INC LAYNE • SOMLER PUMP CO SINGER SEMERAL PRECISION INC SINGER TELE-SISNAL  43.517 SINGER TELE-SISNAL	33.		<b>85.</b> £13		
SRAFLEX INC H R S SINGER, INC LAYNE • SONLER PUMP CO SINGER SEXERAL PRECISION INC SINGER TELE-SISNAL  43.517 6.091		CONTROLS CO OF AMERICA	23		
H R 9 SINGER, INC 7,849 LAYNE • BONLER PUMP CO 17 SINGER SEXERAL PRECISION INC 43,517 SINGER TELE-SIGNAL 4,691			-		
LAYNE - BOWLER PUMP CO 17 SINGER GENERAL PRECISION INT 43.517 SINGER TELE-SISNAL 4.691		<del>-</del>			
SINGER GENERAL PRECISION INT 43.517 SINGER TELE-SIGNAL 4.891					
SINGER TELE-SIGNAL 4.891					
***************************************			<del>-</del>		
		3:495255-418495			
— · · · · · · · · · · · · · · · · · · ·		TOTAL	141.856	3.45	53.27
34. STANDARD DIE CO OF CALIF 64.374	34.	STANDARD DIE CO OF CALLE	64_37a		
CALTEX ASIA LTD C. 3,974					
CALTER DIL PRODUCTS CD C/ 41.178		CALTER DIL PRODUCTS CO C/			
CALTEX DIL TWAILAND LTD c/ 3.418		CALTEX DIL THAILAND LID C/			
CALTEX OVERSEAS LTD c/ - 553		CALTEX OVERSELS LTD c/ -			
CHEFFOR ASPRALT CO			_		

RANC	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF U.S. TOTAL	CUMULATIVE PERCENT OF U.S. TOTAL
34.	STANDARD DIL CO OF CALIF			
0 - 0	CHEABON CHEHICAT CO	71		
	CHEVRON INTERNATIONAL DIL CO. INC	71		
	CHEAGON OIF CO	16.525		
	247			
	TCTAL	132,445	0,42	53.49
35.	MASSACHUSETTS INSTITUTE TECHNOLOGY	124,828	0.39	53.88
36.	AVCO CORP	120,873		-
	AVED ECONOMIC SYSTEMS CORF	3,201		
	AYCO EMBASSY PICTURES CORP	92		
	AVED EVERETY RESEARCH LABORATORY	64		
		******		
	TSTAL	124,230	0.39	54.27
37.	THICKOL CHEMICAL CORP	120,364	č,38	54.65
38.	EASTMAN KODAK CO	116.503		
	KUDAK EXPORT, LTD	14		
	TOTAL	116.517	0.37	55.02
39.	SCOOTEAR TIRE + RUBBER CO	67,542		
- •	GOODYEAR AEROSPACE CORP	46.659		
	MOTER WHEEL CORP	614		
	****			
	TOTAL	114.615	0,36	55.3å
49,	REYNOLDS (RJ) INDUSTRIES, INC	26.935		
	SULF PUERTO RICO LINES. INC	65 <sub>0</sub>		
	RJM FCODS, INC	1,650		
	SEA-LAND SERVICE, INC	85.395		
	TGTAL	******	4	
	.0.45	114.660	C,36	55.74
41,	I C I AMERICA, INC	113,472	0,36	56,10
42.	NORRIS INDUSTRIES	112,095		
	PRESSED STEEL TANK CO. INC	193		
	-	*****		
	TGTAL	112.288	0.36	56.45
43,	ASIATIC PETROLEUM CORP	112,173	9,35	56.81
44,	SANGERS ASSOCIATES INC	111.213	0.35	57.16
45.	HERCÜLES, INC	109.048		
	A W T SYSTEMS. INC	18		
	BLACK CROB . EIGSKESS, INC	68		
	HASKON, IAC	£21		
	HAVES INDUSTRIES INC	59		
	SEASOARD MFG LABORATORIES	325		
	***	******		£4 £.
	TOTAL	110.142	9,35	57,51

RANK	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF U.S.	CUMULATIVE PERCENT OF
		DOLLARS	TOTAL	U.S. TOTAL
46.	HARRIS-INTERTYPE CORP	41,161	-	
•	DATACRAFT CORP	93		
	HARRIS CONHUNICATION SYSTEMS INC	160		
	P R D ELECTRONICS, INC R F COMMUNICATIONS, INC	64,372 2,608		
		*****		
	TOTAL	198,394	0.34	57.85
47.	GENERAL TELEPHONE + ELECTH CORP	117		
	G T E AUTOMATIC ELECTRIC INC G T E INFORMATION SYSTEMS, INC	2,932		•
	G T E LABORATORIES, INC	49 212		
	G T E LENKURT, INC	494		
	G T E SYLVANIA INC	93,609		
	GENERAL TELEPHONE CO OF FLORIDA	397		
	GENERAL TELEPHONE CO OF NORTHWEST	25		
	GENERAL TELEPHONE CO OF SOUTHEAST GENERAL TELEPHONE CO OF SOUTHWEST	38		
	HAWAIIAN TELEPHONE CO	1 <sup>9</sup> 0 8,852		
	SYLVANIA LICHTTECHNIK ELEKTRO GABH	27		
	SYLVANIA MINATURE LIGHTING PRODUCT			
	ULTRONIC SYSTEMS CORP	48		
	TOTAL	107,002	0,34	58.19
48,	DAY + ZIMMERMAN INC	104,396	0,33	58.52
49,	NATIONAL PRESTO INDUSTRIES INC	103,499	0.33	58.85
50,	BLAKE CONST CO + U S INDUSTRIES JY	102,321	6.32	59.17
51.	AMERICAN MOTORS CORP			
7.,	A M GENERAL COPP	100,765		
	HERCURY PLASTICS CO	152		
	TOTAL	100.917	0,32	59.49
52,	F > C CORP_	39,635		
	KILBY STEEL CO INC	85		
	NAYNE NFG CO	415		
	TOTAL	100,135	0,32	59.81
53	sould. Ixc	99,320		
,,,	CLEVITE COPP	24		
		a8a		
	TGTAL	99,344	0,31	69.12
54,	MOSIL DIL COPP	98,101		
-	MOEIL CHEMICAL CO	29		
		<u>*</u> *		
	TCTAL	98,135	9.31	69.43
55.	COLLINS RADIC CO	86,327	0,27	69.70
55.	PAN AMERICAN MORLD AIRWAYS INC	82.097	0.26	69.96

RANC	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF U.S.	CUMULATIVE PERCENT OF
		DOLLARS	TOTAL	U.S. TOTAL
57.	AUTOMATION INDUSTRIES, INC	59,120		
	CHELSEA CLOCK CO	11		
	FACILITIES MGHT CORP G + H TECHNOLOGY, INC	4,311 56		
	SPARTAN AVIATION, INC	2,163		
	VITRO CORP OF AMERICA	13,773		
	TOTAL	79,434	0.25	61,21
	KAISER INDUSTRIES CORP	1,033		
20,	KAISER AEROSPACE + FLECTRONICS SOR	2,048		•
	KAISER STEEL CORP	4,512		
	NATIONAL STEEL + SHIPBUILDING CO			
	TOTAL	79,188	0,25	61.46
59.	AEROSPACE CORP (N)	77,448	0,24	61.70
	DUDANT E + DE NEMBURE - CO	8,577		
60,	DUPONT E I DE NEMOURS + CO ENDO LABORATORIES, INC	109		
	REHINGTON ARMS CO. INC	68,580		
		******		
	TOTAL	77.266	0,24	61.94
61.	UNIROVAL INC	76,174	0.24	62.18
62.	JOHNS HOPKINS UNIVERSITY (N)	76,104	0,24	62,42
63.	KIDDE WALTER + CO INC American desk meg co	3,378 14		
	ASSOCIATED TESTING LABS INC	53		
	AUDIO EQUIPMENT CO INC	72		
	CHATAS GLASS CO	14		
	COLUMBIAN BRONZE CORP	11		
	CRAIG SYSTEMS CORF DE LAUREAL ENGINEERS INC	2,172 13		
	DURA CORP	463		
	FERNAL INC	650		
	FERGUSON PROPELLER . RECOND, LTD	214		
	GIPE ALBERT 3 + ASSOCIATES INC	50		
	GROVE MFG CO H + F FKOJUCTS	110 1,843		
	HARRINGTON + RICHARDSON INC	1,643 68		
	HATZ, CHILDS AND ASSOCIATES, INC	50		
	UNITED STATES LINES CO	65,928		
	TOTAL	75,083	6.24	62.56
64.	SIGNAL COMPARIES INC (THE)	299		
- <del>-</del>	DUNHAM BUSH 'INC	187		
	GARRETT CCRP	65,769		
	MACK TRUCKS INC PETROLEUM MEAT + POWER CO. INC	1,538 1,156		
	PRECISION RUBBER PRODUCTS CORP	1,178		
	SCUTHLAND OIL CORP	3,463		
	<b></b>	2		45.80
	TOTAL	72,363	0,23	62.89

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RANK	COMPANIES	THOUSANDS OF DOLLARS	PERCENT OF U.S. TOTAL	CUMULATIVE PERCENT OF U.S. TOTAL
65,	TE) ACO INC	9,726		
	CALTEX ASIA LTD C/	3,993		
	CALTEX OIL PRODUCTS CO C/	43,178		
	CALTEX OIL THAILAND LTD C/ CALTEX OVERSEAS LTD C/	3,618 553		
	JEFFERSON CHEHICAL CO INC	11		
	TEXACO BELGIUH S A	53		
	TEXACO EXPORT INC	9,945		
	TEXACO OPERATIONS (EUROPE), LTD	641		
	WHITE FUEL CO INC	98		•
	TOTAL	74 04 0	0.07	47.40
	TOTAL	71,810	G,23	53,12
<b>56.</b>	CONTROL DATA CORP	70,041		
	ASSOCIATED AERO SCIENCE LABS INC ELECTRONIC ACCOUNTING CARD SORP	798		
	HILLER PRINTING HACHINERY CO	44 126		
	THE SERVICE OF THE PROPERTY CO	·=+=== 750		
	TOTAL	71,009	0,22	63,34
67.	LEAR SIEGLER INC	70,384		
- •	AMERICAN AVITRON, INC	198		
	L S I SERVICE CORP	33		
	<b>***</b>	à		
	TOTAL	70,615	0,22	63,56
68,	STANDARD OIL OF INDIANA			
	AMERICAN DIL CO	66,629		
	AMOCO CHEMICALS CORP AMOCO ITALIA S P A	301		
	A GOO LINEIN 2 L W	555		
	TOTAL	67,4 <del>6</del> 5	0,21	63,77
69.	HOTOROLA INC	65,713		
•	HOTOROLA CYERSEAS CORP	755		
		*****		
	TOTAL	<b>66,4</b> 68	0.21	63.98
70,	A P F. INC	65,515		
	A M F OVERSEAS CORP	15		
	A M F VOIT, INC. MARLEY-DAVIDSON MOTOR TO	306		
	MANEELEDATIBOUM MOICH CO	61 33		
	TOTAL	65.897	1.21	64.19
71.	UNITED STATES STEEL CORP	40 780		
/	R K I CO	62,389 439		
	REACTIVE METALS INC	14		
	UNITED STATES STEEL INTL	1,283		
		*****		
	TOTAL	64,125	0.20	64.39
72.	E SYSTEMS, INC	60:728	0,19	64.58
73.	HAGNAVOX CG	59,439	0,19	64.77
74.	SVERDRUP + PARCEL + ASSOCS INC	5 705	-	. •
, · ·	ARO INC	2,392		
	# W 476	54,993		
	TOTAL	57,385	0,18	54,95

RANK	COMPANIES	THOUSANDS OF	PERCENT OF U.S.	CUMULATIVE. PERCENT OF U.S. TOTAL
		DOLLARS	TOTAL	U.S. TOTAL
75,	FAIRCHILD INDUSTRIES, INC	55,441	0,18	65,13
76,	BURROUGHS CORP BURROUGHS CONTROL CORP	53,576 1,069		
	TOTAL	54,645	0,17	65.30
?7,	CITY INVESTING CO AMERICAN ELECTRIC INC HAYES INTERNATIONAL CORP	248 48,730		
	RHEEM MFG CO Wells Marine, inc	119 4,609		
	TOTAL	53,706	0.17	65,47
78,	WHITTAKER CORP AIRCRAFT HYDRO-FORMING, INC RERTRAM YACHT CORP	12+198 379 15		
	CANOGA ELECTRONICS CORP DETROIT BOLT + NUT CO DYNASCIENCES CORP	11 32 1,648		
	ELECTRONIC RESOURCES, INC FALCON RESEARCH + DEV CENTER HOL-GAR HFG CORP	192 1:450 5:578		
	SHOCK HYDRODYNAHICS, INC SPACE SCIENCES, INC STRAIGHTLINE MFG CO TASKER INDUSTRIES	604 58 3,620 23,351		
	YARDNEY ELECTRIC CORP	3,707 52,843	0.17	65,64
79,	=	55	0,1	• • • • • • • • • • • • • • • • • • • •
	WESTERN UNION DATA SERVICES CO INC WESTERN UNION OF HAWAI; INC WESTERN UNION TELEGRAPH CO	66 13 51,796		
	TOTAL	51,930	0,16	65,80
80.	CUTLER-HAMMER, INC CONTROL SHITC-, INC DURANT DIGITAL INSTRUMENTS	51,395 91 10		
	FOTAL		0.16	65,96
81.	MASON + HANGER SILAS MASON CO	48,385	0,15	66,11
82.	SEATRAIN LINES INC HUDSON MATERWAYS CORP TRANSEASTERN SHIPPING CORP	36,843 10,887 _ 450		
	TOTAL	48,180	0,15	66.26
83.	OLIN CORP	47,400	0,15	66,41
84.	SYSTEM DEVELOPMENT CORP	47.388	0,15	66.56

RANK		THOUSANDS OF DOLLARS	PERCENT OF U.S. TOTAL	CUMULATIVE PERCENT OF U.S. TOTAL
	······			
85.	GULF OIL CORP	19,717		
	ALLIED GULF NUCLEAR SERVICES	12		
	CARIBBEAN GULF OIL CO	6,157		
	GULF ENERGY + ENVIRONMENTAL SYSTEM	1,197		
	GULF IRAN CO	817		
	GULF OIL TERMINAL CO	119		
	GULF OIL TRADING CO	12,825		
	GULF PETROLEUM SA PANAMA	632		
	INDUSTRIAL ASPHALT INC	13		
	JONES (T A D) + EO, INC	520 7 740		
	KOREA OIL CORP	3,310 65		•
	PITTSBURG MIDWAY COAL MINING CO			
	TOTAL	45,384	0,14	56,70
	IUIAL	451004	0117	30170
86.	CURTISS WRIGHT CORP	44,871		
001	DORR-OLIVER, INC	21		
	HARQUETTE HETAL PRODUCTS CO	21		
	HETAL IMPROVEHENT CO	56		
	TARGET ROCK CORP	49		
	TOTAL	45,018	0.14	66,84
87,	HUNT RUILDING CORP	43,703	0,14	66,98
	WATER ATURN COOK AND	44 050	6.47	47 11
88.	MITRE (THE) CORP (N)	41,859	0,13	67.11
••	AMERADA HESS CORP	7,921		
89.	HESS OIL VIRGIN ISLANDS CORP	33,885		
	HESD OIL VINEIN ISERNOS DOM			
	TOTAL	41,806	0.13	67,24
90.	ATLANTIC RICHFIELD CO	41,740	0,13	67.37
91,	PACIFIC CORP	44 430		
	AIR AMERICA INC	41,430 19		
	AIR ASIA CO LTD			
	TOTAL	41,449	0.43	67,50
	IUIAL	42,417	0110	0.100
02	INTERNATIONAL HARVESTER CO	39,035		
92,	MACLEOD + CO	2,278		
	1102003 - 00			
	TOTAL	41,313	0,13	67.63
	•			
93.	BLAIR ALGERNON INC	40,807	0,13	67.76
_				
94.	CHAMBERLAIN MFG CORP	40,406	0,13	67.89
	equalited efficience coop	39,458		
95,	COMPUTER SCIENCES CORP	39.478 71		
	ENVIRONMENTAL RESEARCH CORP GEONAUTICS, INC	200		
	DPOUNALIES! THE	200		
	TOTAL	39,729	0,13	68.02
	14:00	· · · · · · ·		<del>-</del>

RANK	COMPANIES	THOUSANDS OF DOLLARS	OF U.S.	CUMULATIVE PERCENT OF U.S. TOTAL
96,	KAMAN CORP	12,777		
•	KAMAN AEROSPACE CORP	26,440		
	TOTAL	39,217	0,12	68,14
97.	CENTEX CORP			
• • •	BATESON J W CO INC	33,254		
	CENTEX CONSTRUCTION CO INC	5,818		
	<b>*</b> - <b>*</b> -1		3 42	40 24 .
	TOTAL	39.072	0,12	68.26
98.	BULOVA WATCH CO, INC	36,293	0,11	68.37
99.	DYNALECTRON CORP	35,880		
,,,	GRIFFIN CONSTRUCTION CO	58		
	GRIFFIN ELECTRIC CO	60		
			4	44.40
	TOTAL	35,998	0.11	68,48
100.	SHELL DIL CO	35,606		
100,	INTERNATIONAL LUBRICANT CORP	342		
		<u> </u>	•	68.59 <u>d</u> /
	TOTAL	35,948	0,11	68.59

#### FOOTNOTES:

a/ Net value of new procurement actions minus cancellations, terminations and other credit transactions. The data include debit and credit procurement actions of \$10,000 or more, under military supply, service and construction contracts for work in the U. S. plus awards to listed companies and other U. S. companies for work overseas.

Procurement actions include definitive contracts, the obligated portions of letter contracts, purchase orders, job orders, task orders, delivery orders, and any other orders against existing contracts. The data do not include that part of indefinite quantity contracts that have not been translated into specific orders on business firms, nor do they include purchase commitments or pending cancellations that have not yet become mutually binding agreements between the government and the company.

- The assignment of subsidiaries to parent companies is based on stock ownership of 50% or more by the parent company, as indicated by data published in standard industrial reference sources. The company totals do not include contracts made by other U. S. Government agencies and financed with Department of Defense funds, or contracts awarded in foreign nations through their respective governments. The company names and corporate structures are those in effect as of 30 June 1973 and for purposes of this report company names have been retained unless specific knowledge was available that a company had been merged into the parent or absorbed as a division with loss of company identity. Only those subsidiaries are shown for which procurement actions have been reported.
- Stock ownership is equally divided between Standard Oil Co. of California and Texaco, Inc.; half of the total of military awards is shown under each of the parent companies.
- d/ Does not agree with rercentage shown on page 6 due to rounging.